

<b>Form PTO-1449</b>		<b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>							Atty. Docket No. 1769/41426-F-PCT- US-A/JPW/MAF/AJD		Serial No. Not yet Known		
									Applicant(s) Ron S. Israeli et al.				
									Filing Date Herewith		Group Art Unit		
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)													
<b>U.S. PATENT DOCUMENTS</b>													
Examiner Initials		Document Number					Date	Name		Class	Subclass	Filing Date If Appropriate	
(u)	US2003	0	0	0	3	1	0	1	01/02/03	Neil H. Bander			08/13/01
<b>FOREIGN PATENT DOCUMENTS</b>													
		Document Number					Date	Country	Class	Subclass	Translation		
											Yes	No	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>													
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>										10-19-05	
<b>*EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP § 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.													

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Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Application Number	10/751,346
		INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Filing Date	January 2, 2004
				First Named Inventor	Ron S. Israeli
				Art Unit	1647
				Examiner Name	S. Gucker
				Attorney Docket No.	1769/41426-FA-PCT-US/JPW/CY
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		5,855,866	01-05-1999	Thorpe et al.	
		6,051,230	04-18-2000	Thorpe et al.	
		2004/0213791	10-28-2004	Bander et al.	
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		2003/0185832	10-02-2003	Thorpe et al.	
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		EP 1 306 095	05-02-2003		
		WO 93/17715	09-16-1993		
		WO 95/04548	02-16-1995		
		WO 97/48409	12-24-1997		
		WO 98/03873	01-29-1998		
		WO 98/53812	12-03-1998		
		WO 00/01668	01-13-2000		
		WO 00/38785	07-06-2000		
		WO 01/009192	02-08-2001		
		WO 03/064606	08-07-2003		
		WO 2004/098535	11-18-2004		
EXAMINER SIGNATURE		DATE CONSIDERED 10-19-05			
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Applicants: Ron S. Israeli et al.  
Serial No.: 10/751,346  
Filed: January 2, 2004  
**Exhibit A**

<b>Form PTO-1449</b>	<b>U.S. Department of Commerce</b>	<b>Application Number</b>	<b>10/751,346</b>
	<b>Patent and Trademark Office</b>	<b>Filing Date</b>	<b>January 2, 2004</b>
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)		<b>First Named Inventor</b>	<b>Ron S. Israeli</b>
		<b>Art Unit</b>	<b>1647</b>
		<b>Examiner Name</b>	<b>S. Gucker</b>
		<b>Attorney Docket No.</b>	<b>1769/41426-FA-PCT-US/JPW/CY</b>

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
VY		Communication Pursuant To Article 96(2) EPC issued February 8, 2005 in connection with related European Patent Application No. 94 90 0538.3; and	
VY		Communication Pursuant To Article 115(2) EPC issued March 17, 2005 in connection with related European Patent Application No. 94 90 0538.3.	

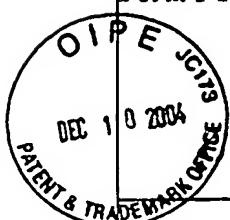
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**Exhibit A**



Form PTO-1449

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Attorney Docket No.	1769/41426-FA-PCT-US/JPW/CY

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Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
(g)	2	BELL, G.I., et al., "cDNA Sequence Coding For Human Kidney Catalase," <u>Nucleic Acids Research</u> , 14(13):5561-2 (1986);	
(u)	3	GARCIA, G., et al., "Selenoprotein A Component Of The Glycine Reductase Complex From <i>Clostridium purinolyticum</i> : Nucleotide Sequence Of The Gene Shows That Selenocysteine Is Encoded By UGA," <u>J. Bacteriol.</u> , 173(6):2093-2098 (March 1991);	
(u)	4	HARLOW, E., et al., <u>Antibodies: A Laboratory Manual</u> , Cold Springs Harbor, page 76 (1988);	
(u)	5	HARTNETT, C., et al., "DNA Sequences Of Genes Encoding <i>Acinetobacter calcoaceticus</i> Protocatechuate 3,4-Dioxygenase: Evidence Indicating Shuffling Of Genes And Of DNA Sequences Within Genes During Their Evolutionary Divergence," <u>J. Bacteriology</u> , 172(2):956-966 (February 1990);	
(u)	6	HOLMES, ERIC H., "PSMA Specific Antibodies And Their Diagnostic And Therapeutic Use," <u>Exp. Opin. On Invest. Drugs</u> , 10(3):511-519 (2001);	
(u)	7	PALM, P., et al., "Complete Nucleotide Sequence Of The Virus SSV1 Of The Archaebacterium <i>Sulfolobus shibatae</i> ," <u>Virology</u> , 185:242-250 (1991);	
(u)	8	RAMAKRISHNAN, V., et al., "Cloning, Sequencing And Overexpressing Of Genes For Ribosomal Proteins From <i>Bacillus Stearothermophilus</i> ," <u>J. Biol. Chem.</u> , 266(2):880-885 (1991);	
(u)	9	SCHIEFER-ULLRICH, H., et al., "Comparative Studies On Physiology And Taxonomy Of Obligately Purinolytic Closteridia," <u>Arch. Microbiol.</u> , 138:345-353 (1984);	
(u)	10	SULAVIK, M.C., et al., "Identification Of A Gene, <i>rgg</i> , Which Regulates Expression Of Glucosyltransferase And Influences the Spp Phenotype Of <i>Streptococcus gordonii</i> Challis," <u>J. Bacteriology</u> , 174(11):3577-3586 (1992); and	
(u)	11	Communication Pursuant To Article 115(2) EPC issued August 30, 2004 in connection with related European Patent Application No. 94 90 0538.3.	

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Form PTO-449 JUN 18 2004 U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 1769/41426-F-PCT-A-US JPW/CY/SK	Serial No. 10/751,346
INFORMATION DISCLOSURE CITATION (use several sheets if necessary)		Applicant(s) Ron S. Israeli, et al.	
		Filing Date January 2, 2004	Group Art Unit 1647

## U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Name	Class	Subclass	Translation	
						Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

W	Carter, RE, et al., "Prostate-specific membrane antigen is a hydrolase with substrate and pharmacologic characteristics of a neuropeptidase," <u>Proc. Natl. Acad. Sci. USA</u> , 93: 749-53. (1996) (Exhibit 1);
W	Halsted, CH, et al., "Folylpoly- $\gamma$ -glutamate Carboxypeptidase from Pig Jejunum. MOLECULAR CHARACTERIZATION AND RELATION TO GLUTAMATE CARBOXYPEPTIDASE II," <u>J. Biol. Chem.</u> , 273(32): 20417-24. (1998) (Exhibit 2);
W	Slusher, BS, et al., "Rat brain N-acetylated alpha-linked acidic dipeptidase activity. Purification and immunologic characterization," <u>J. Biol. Chem.</u> , 265(34): 21297-301. (1990) (Exhibit 3); and
W	Wang, TT, et al., "Intracellular pteroylpolyglutamate hydrolase from human jejunal mucosa. Isolation and characterization," <u>J. Biol. Chem.</u> , 261(29): 13551-5. (1986) (Exhibit 4).

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	10/19/05

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Patent and Trademark OfficeINFORMATION DISCLOSURE CITATION  
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A/JPW/MAF/AJD  
Serial No.  
10/751,346Applicant(s)  
Ron S. Israeli et al.Filing Date  
January 2, 2004  
Art Unit

## U.S. PATENT DOCUMENTS

Examiner Initials	Exh No	Document Number							Date	Name	Class	Subclass	Filing Date if Appropriate
W		4	5	5	4	1	0	1	11/19/85	Hopp			
W		5	1	5	3	1	1	8	10/06/92	Wright et al.			
W		5	1	6	2	5	0	4	11/10/92	Horoszewicz			
W		5	5	3	8	8	6	6	07/23/96	Israeli et al.			
W	1	5	6	7	2	5	9	2	09/30/97	Jackson et al.			
J	2	5	7	9	5	8	7	7	08/18/98	Jackson et al.			
J	3	5	8	0	4	6	0	2	09/08/98	Slusher et al.			

## FOREIGN PATENT DOCUMENTS

		Document Number							Date	Country	Class	Subclass	Translation		
													Yes	No	
W		9	4	0	9	8	2	0	05/11/94	PCT					
J		9	7	3	5	6	1	6	10/02/97	PCT					
J		9	9	4	7	5	5	4	09/23/99	PCT					
J	43	0	2	0	9	6	4	6	0	12/05/02	PCT				
W	44	0	2	0	9	8	8	9	7	12/12/02	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

W	Abdel-Nabi, H., Wright, G.L., Gulfo, J.V., Petrylak, D.P., Neal, C.E. et al. (1992) Monoclonal Antibodies and Radioimmunoconjugates in the Diagnosis and Treatment of Prostate Cancer, <i>Semin. Urol.</i> 10: 45-54;
W	Axelrod, H.R. et al. (1992) Preclinical results and human immunohistochemical studies with <sup>90</sup> Y-CYT-356. A new prostate cancer therapeutic agent, <i>Abstract 596. AUA 87th Annual Meeting</i> , May 10-14, 1992, Washington, D.C.;
W	Bowie, J.U., Reidhaar-Olson, J.F., Lim, W.A. and Sauer, R.T. (1990) Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions, <i>Science</i> 147: 1306-1310;
W	Carter, B.H. and Coffey, D.S. (1990) The Prostate: An Increasing Medical Problem, <i>The Prostate</i> 16: 39-48;
W	Chang, C.S., Kokontis, J. and Liao, S.T. (1988) Structural Analysis of Complementary DNA and Amino Acid Sequences of Human and Rat Androgen Receptors, <i>Proc. Natl. Acad. Sci. USA</i> 85: 7211-7215;

EXAMINER

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<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)									Applicant(s) Ron S. Israeli et al.			
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<b>U.S. PATENT DOCUMENTS</b>												
Examiner Initials	Exh No	Document Number						Date	Name	Class	Subclass	Filing Date If Appropriate
WY		5	8	5	2	1	6	7	12/22/98	Kay et al.		
WY	4	5	8	6	3	5	3	6	01/26/99	Jackson et al.		
WY	5	5	8	8	0	1	1	2	03/09/99	Jackson et al.		
WY	6	5	9	0	2	8	1	7	05/11/99	Jackson et al.		
WY		5	9	3	9	2	5	8	08/17/99	Croce et al.		
WY	7	5	9	6	2	5	2	1	10/05/99	Jackson et al.		
WY	8	5	9	6	8	9	1	5	10/19/99	Jackson et al.		
WY	9	5	9	8	1	2	0	9	11/09/99	Slusher et al.		
<b>FOREIGN PATENT DOCUMENTS</b>												
		Document Number						Date	Country	Class	Subclass	Translation
												Yes
WY	58	9	6	2	6	2	7	2	08/29/96	PCT		
WY		0	1	7	3	9	5	1	12/03/86	EPO		
WY		0	1	7	3	9	5	1	12/03/86	EPO		X
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>												
WY		Corr, J.G. et al. (1994) Prostate Specific Membrane Antigen (PSM) Expression in Orthotopically Implanted Human Prostate Cancer Cells in Nude Mice Slows Tumor Growth and Metastatic Potential, <i>J. Urol.</i> 151: 492A;										
WY		Culver, K.W., Ram, Z., Wallbridge, S., Ishii, H., Oldfield, E.H. and Blaese, R.M. (1992) In Vivo Gene Transfer with Retroviral Vector-Producer Cells for Treatment of Experimental Brain Tumors, <i>Science</i> 256: 1150-1152;										
WY		Decensi, A., Guarneri, D., Paoletti, M.C., Lalanne, J.M., Merlo, F. and Boccardo, F. (1991) Phase II Study of the Pure Non-steroidal Antiandrogen Nilutamide in Prostatic Cancer, <i>Eur. J. Cancer</i> 27: 1100-1104;										
WY		Faber, P.W., van Rooij, H.C., van der Korput, H.A., Baarens, W.M., Brinkmann, A.O., Grootegoed, J.A. and Trapman, J. (1991) Characterization of the Human Androgen Transcription Unit, <i>J. Biol. Chem.</i> 266: 10743-10749;										
WY		Feng, Q. et al. (1991) Purification and Biochemical Characterization of the 7E11-C5 Prostate Carcinoma-Associated Antigen, <i>Proc. Am. Assoc. Cancer Res.</i> 32: 239;										
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W	10	6	0	1	1	0	2	1	01/04/00	Slusher et al.	
W	11	6	0	1	7	9	0	3	01/25/00	Slusher et al.	
W	12	6	0	2	5	3	4	4	02/15/00	Jackson et al.	
	13	6	0	2	5	3	4	5	02/15/00	Jackson et al.	
	14	6	0	4	6	1	8	0	04/04/00	Jackson et al.	
W	15	6	0	5	4	4	4	4	04/25/00	Jackson et al.	
W		6	1	0	7	0	9	0	08/22/00	Bander	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>											
W		Fey, M.F., Kulozik, A.E., Hansen-Hagge, T.E. and Tobler, A. (1991) The Polymerase Chain Reaction: A New Tool for the Detection of Minimal Residual Disease in Haematological Malignancies, <i>Eur. J. Cancer</i> 27: 89-94;									
W		Gately, M.K., Wolitzky, A.G., Quinn, P.M. and Chizzonite, R. (1992) "Regulation of Human Cytolytic Lymphocyte Responses by Interleukin-12", <i>Cell. Immunol.</i> 143: 127-142;									
W		Henttu, P. and Vihko, P. (1989) cDNA Coding for the Entire Human Prostate Specific Antigen Shows High Homologies to the Human Tissue Kallikrein Genes, <i>Biochem. Biophys. Res. Commun.</i> 160: 903-910;									
		Horoszewicz, J.S., Kawinski, E. and Murphy, G.P. (1987) Monoclonal Antibodies to a New Antigen Marker in Epithelial Prostatic Cells and Serum of Prostatic Cancer Patients, <i>AntiCancer Res.</i> 7: 927-936;									
		Huber, B.E., Richards, C.A. and Krenitsky, T.A. (1991) Retroviral-mediated Gene Therapy for the Treatment of Hepatocellular Carcinoma: An Innovative Approach for Cancer Therapy, <i>Proc. Natl. Acad. Sci. USA</i> 88:8039-8043;									
		Israeli, R.S. et al., (1992) Purification and Molecular Cloning of a New Prostate-Specific Antigen, <i>Cancer Res.</i> 33: 356;									
		Israeli, R.S., Powell, C.T., Fair, W.R. and Heston, W.D. (1993) Molecular Cloning of a Complementary DNA Encoding a Prostate-specific Membrane Antigen, <i>Cancer Res.</i> 53: 227-230;									
W		Israeli, R.S. et al. (1993) Molecular Cloning and Characterization of a Prostate-Specific Membrane Antigen, <i>J. Urol.</i> 149: 471A;									
W		Israeli, R.S. et al. (1993) Characterization of the Prostate-Specific Membrane Antigen (PSM), <i>Proc. Am. Assoc. Cancer Res.</i> 34: 255;									
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<p style="text-align: center;"><i>09/05</i></p> <p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>											

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Uy	16	6	1	2	1	2	5	2	09/19/00	Jackson et al.	
uA		6	1	3	6	3	1	1	10/24/00	Bander	
1	17	6	2	7	1	2	4	5	08/07/01	Jackson et al.	
	18	6	2	8	8	0	4	6	09/11/01	Jackson et al.	
	19	6	3	4	8	4	6	4	02/19/02	Jackson et al.	
	20	6	3	7	2	7	2	6	04/16/02	Slusher et al.	
	21	6	3	8	4	0	2	2	05/07/02	Jackson et al.	
u	22	6	3	9	5	7	1	8	05/28/02	Slusher et al.	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)											
u	Israeli, R.S., Powell, C.T., Corr, J.G., Fair, W.R. and Heston, W.D. (1994) Expression of the Prostate Specific Membrane Antigen, <i>Cancer Res.</i> 54: 1807-1811;										
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